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PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1 Web Page for STN Seminar Schedule - N. America
NEWS 2 DEC 01 ChemPort single article sales feature unavailable
NEWS 3 APR 03 CAS coverage of exemplified prophetic substances enhanced
NEWS 4 APR 07 STN is raising the limits on saved answers
NEWS 5 APR 24 CA/CAplus now has more comprehensive patent assignee information
NEWS 6 APR 26 USPATFULL and USPAT2 enhanced with patent assignment/reassignment information
NEWS 7 APR 28 CAS patent authority coverage expanded
NEWS 8 APR 28 ENCOMPLIT/ENCOMPLIT2 search fields enhanced
NEWS 9 APR 28 Limits doubled for structure searching in CAS REGISTRY
NEWS 10 MAY 08 STN Express, Version 8.4, now available
NEWS 11 MAY 11 STN on the Web enhanced
NEWS 12 MAY 11 BEILSTEIN substance information now available on STN Easy
NEWS 13 MAY 14 DGENE, PCTGEN and USGENE enhanced with increased limits for exact sequence match searches and introduction of free HIT display format
NEWS 14 MAY 15 INPADOCDB and INPAFAMDB enhanced with Chinese legal status data
NEWS 15 MAY 28 CAS databases on STN enhanced with NANO super role in records back to 1992
NEWS 16 JUN 01 CAS REGISTRY Source of Registration (SR) searching enhanced on STN
NEWS 17 JUN 26 NUTRACEUT and PHARMAML no longer updated

NEWS 18 JUN 29 IMSCOPROFILE now reloaded monthly

NEWS 19 JUN 29 EPFULL adds SLART to AB, MCLM, and TI fields

NEWS EXPRESS MAY 26 09 CURRENT WINDOWS VERSION IS V8.4,
AND CURRENT DISCOVER FILE IS DATED 06 APRIL 2009.

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FILE 'HOME' ENTERED AT 15:47:22 ON 30 JUN 2009

```
=> FILE CASLINK
COST IN U.S. DOLLARS                        SINCE FILE      TOTAL
                                             ENTRY    SESSION
FULL ESTIMATED COST                             0.44       0.44

FILE 'CAPLUS' ENTERED AT 15:48:37 ON 30 JUN 2009
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FILE 'MARPAT' ENTERED AT 15:48:37 ON 30 JUN 2009
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FILE 'REGISTRY' ENTERED AT 15:48:37 ON 30 JUN 2009
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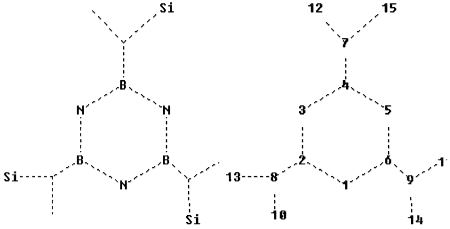
CLUSTER 'CASLINK' ENTERED

 Predefined command sequences will be executed in
 REGISTRY, MARPAT, and CAPLUS.


=>
Uploading C:¥TDH PTA¥Application Examination¥Series 10¥10 544211¥STN¥STN 10544211
062930AA.str
```



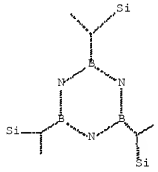

```
chain nodes :
7  8  9  10  11  12  13  14  15
ring nodes :
1  2  3  4  5  6
chain bonds :
2-8  4-7  6-9  7-12  7-15  8-10  8-13  9-11  9-14
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
1-2  1-6  2-3  2-8  3-4  4-5  4-7  5-6  6-9  7-12  7-15  8-10  8-13  9-11  9-14


Match level :
```

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L1 STRUCTURE UPLOADED

=> D
L1 HAS NO ANSWERS
L1 STR




Structure attributes must be viewed using STN Express query preparation.

=> S L1 SSS SAM

S L1 SSS SAM FILE=REGISTRY
SAMPLE SEARCH INITIATED 15:49:14 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 11 TO 389
PROJECTED ANSWERS: 1 TO 80

L2 1 SEA SSS SAM L1
1 FILES SEARCHED...

S L2 SSS SAM FILE=MARPAT
SAMPLE SEARCH INITIATED 15:49:15 FILE 'MARPAT'
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

100.0% PROCESSED 31 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

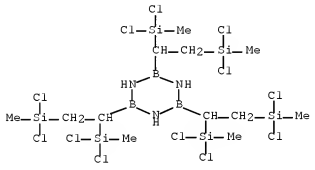
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 286 TO 954
PROJECTED ANSWERS: 0 TO 0

L3 0 SEA SSS SAM L1

1 FILES SEARCHED...

=> D SCAN L2

L2 1 ANSWERS REGISTRY COPYRIGHT 2009 ACS on STN
IN Borazine, 2,4,6-tris[1,2-bis(dichloromethylsilyl)ethyl]-
MF C12 H30 B3 Cl12 N3 Si6
CI COM



**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

ALL ANSWERS HAVE BEEN SCANNED

=> S L1 SSS FULL

S L1 SSS FUL FILE=REGISTRY
FULL SEARCH INITIATED 15:50:10 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 160 TO ITERATE

100.0% PROCESSED 160 ITERATIONS 6 ANSWERS
SEARCH TIME: 00.00.01

L4 6 SEA SSS FUL L1
1 FILES SEARCHED...

S L4 SSS FUL FILE=MARPAT
FULL SEARCH INITIATED 15:50:11 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED - 665 TO ITERATE

100.0% PROCESSED 665 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L5 2 SEA SSS FUL L1
1 FILES SEARCHED...

S L4 FILE=CAPLUS
L6 6 FILE CAPLUS
1 FILES SEARCHED...

```
SET DUPORDER FILE
SET COMMAND COMPLETED

DUP REM L5 L6
PROCESSING COMPLETED FOR L5
PROCESSING COMPLETED FOR L6
L7           8 DUP REM L5 L6 (0 DUPLICATES REMOVED)
               ANSWERS '1-2' FROM FILE MARPAT
               ANSWERS '3-8' FROM FILE CAPLUS

=> D L7 1-8

L7   ANSWER 1 OF 8  MARPAT  COPYRIGHT 2009 ACS on STN
AN   145:189021  MARPAT Full-text
TI   Improved process for continuous production of oligomeric and polymeric
     organic borylated silazanes by aminolysis silyl boron halides or borylated
     halosilanes
IN   Jansen, Martin; Jaeschke, Thomas; Kaehsnitz, John; Schmidt, Joerg;
     Schladerbeck, Norbert
PA   Max-Planck-Gesellschaft Zur Foerderung der Wissenschaften e.v., Germany
SO   PCT Int. Appl., 41pp.
     CODEN: PIXXD2
DT   Patent
LA   German
FAN.CNT 1
     PATENT NO.       KIND  DATE          APPLICATION NO.  DATE
     ---------------  ----  --------      ---------------  --------
PI   WO 2006082069    A1   20060810      WO 2006-EP953    20060203
        W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
            CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
            GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
            KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
            MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
            SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
            VN, YU, ZA, ZM, ZW
        RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
            IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
            CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
            GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
            KG, KZ, MD, RU, TJ, TM
     DE 102005005383  A1   20060810      DE 2005-102005005383820050205
     EP 1844058       A1   20071017      EP 2006-706621   20060203
        R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
            IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
     JP 2008528651    T    20080731      JP 2007-553540   20060203
     US 20090030157   A1   20090129      US 2008-815636   20080912
PRAI DE 2005-102005005383  20050205
     WO 2006-EP953    20060203
RE.CNT  5    THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
             ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7   ANSWER 2 OF 8  MARPAT  COPYRIGHT 2009 ACS on STN
AN   136:247699  MARPAT Full-text
TI   Preparation of (silylalkyl)boranes, (silylalkyl)borazines,
     oligoborocarbosilazanes, polyborocarbosilazanes and high
     temperature-stable silicon boron carbide nitride ceramics
IN   Jansen, Martin; Jaeschke, Thomas
PA   Max-Planck-Gesellschaft zur Foerderung der Wissenschaften E.V., Germany
SO   PCT Int. Appl., 46 pp.
     CODEN: PIXXD2
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DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | WO 2002022625 | A1 | 20020321 | WO 2001-EP10540 | 20010912 |
| | W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW | | | | |
| | RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| | DE 10045050 | A1 | 20020321 | DE 2000-10045050 | 20000912 |
| | DE 10108069 | A1 | 20020822 | DE 2001-10108069 | 20010220 |
| | AU 2001087731 | A | 20020326 | AU 2001-87731 | 20010912 |
| | CA 2421655 | A1 | 20030307 | CA 2001-2421655 | 20010912 |
| | EP 1317463 | A1 | 20030611 | EP 2001-967334 | 20010912 |
| | EP 1317463 | B1 | 20050323 | | |
| | R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR | | | | |
| | JP 2004509127 | T | 20040325 | JP 2002-526876 | 20010912 |
| | AT 291580 | T | 20050415 | AT 2001-967334 | 20010912 |
| | ES 2236299 | T3 | 20050716 | ES 2001-967334 | 20010912 |
| | US 20040039217 | A1 | 20040226 | US 2003-380553 | 20030312 |
| | US 7148368 | B2 | 20061212 | | |
| | US 20070063396 | A1 | 20070322 | US 2006-555934 | 20061102 |
| | US 7342123 | B2 | 20080311 | | |

PRAI DE 2000-10045050 20000912
DE 2001-10108069 20010220
US 2000-380553 20000312
WO 2001-EP10540 20010912
US 2003-380553 20030312
OS CASREACT 136:247699
RE.CNT 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2006:648275 CAPLUS Full-text
DN 145:253794
TI A new borazine-type single source precursor for Si/B/N/C ceramics
AU Jaeschke, Thomas; Jansen, Martin
CS Max-Planck-Institut fuer Festkoerperforschung, Stuttgart, D-70569, Germany
SO Journal of Materials Chemistry (2006), 16(27), 2792-2799
CODEN: JMACEP; ISSN: 0959-9428
PB Royal Society of Chemistry
DT Journal
LA English
RE.CNT 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2005:304935 CAPLUS Full-text
DN 143:11736
TI A Construction Kit for Si-B-C-N Ceramic Materials Based on Borazine Precursors
AU Haberecht, Joerg; Nesper, Reinhard; Gruetzmacher, Hansjoerg
CS Laboratory of Inorganic Chemistry, ETH Zuerich, Zurich, CH-8093, Switz.

SO Chemistry of Materials (2005), 17(9), 2340-2347
CODEN: CMATEX; ISSN: 0897-4756
PB American Chemical Society
DT Journal
LA English
RE.CNT 43 THERE ARE 43 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2004:675701 CAPLUS Full-text
DN 141:178208
TI Method for production of a B/N/C/Si ceramic from a borazine precursor for making heating
IN Nesper, Reinhard; Haberecht, Joerg; Gruetzmacher, Hansjoerg
PA Eidgenoessische Technische Hochschule Zuerich, Switz.
SO PCT Int. Appl., 24 pp.
CODEN: PIXXD2
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI WO 2004069768 | A1 | 20040819 | WO 2004-CH52 | 20040202 |
| W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI | | | | |
| RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG | | | | |
| EP 1590310 | A1 | 20051102 | EP 2004-707180 | 20040202 |
| R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK | | | | |
| US 20060293164 | A1 | 20061228 | US 2005-544211 | 20050802 |
| PRAI CH 2003-149 | A | 20030203 | | |
| WO 2004-CH52 | W | 20040202 | | |

RE.CNT 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 2000:248351 CAPLUS Full-text
DN 132:347632
TI Synthesis of silyl substituted organoboranes by hydroboration of vinylsilanes
AU Ruwisch, Lutz M.; Durichen, Peter; Riedel, Ralf
CS Fachbereich Materialwissenschaft, Fachgebiet Disperse Feststoffe, Technische Universitat Darmstadt, Darmstadt, 64287, Germany
SO Polyhedron (2000), 19(3), 323-330
CODEN: PLYHDE; ISSN: 0277-5387
PB Elsevier Science Ltd.
DT Journal
LA English
RE.CNT 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1964:60991 CAPLUS Full-text
DN 60:60991
OREF 60:10704g-h,10705a

TI Synthesis of B-organofunctional borazine derivatives
AU Seyferth, Dietmar; Kogler, Hubert P.; Freyer, Walter R.; Takamizawa, Minoru; Yamazaki, Hiroshi; Sato, Yasuhiko
CS Massachusetts Inst. of Technol., Cambridge
SO Advances in Chemistry Series (1964), 42, 259-65
CODEN: ADCSAJ; ISSN: 0065-2393
DT Journal
LA Unavailable

L7 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1964:60990 CAPLUS Full-text
DN 60:60990
OREF 60:10704f-g
TI Reaction of nitric oxide with tributylborane
AU Inatome, Masahiro; Kuhn, Lester P.
CS Aberdeen Proving Ground, MD
SO Advances in Chemistry Series (1964), 42, 183-91
CODEN: ADCSAJ; ISSN: 0065-2393
DT Journal
LA Unavailable

=> FIL STNGUIDE
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 265.59 | 266.03 |

FILE 'STNGUIDE' ENTERED AT 15:53:02 ON 30 JUN 2009
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LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> FILE STNGUIDE
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.98 | 267.01 |

FILE 'STNGUIDE' ENTERED AT 16:01:29 ON 30 JUN 2009
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> FILE STNGUIDE
COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 0.63 | 267.64 |

FILE 'STNGUIDE' ENTERED AT 16:06:36 ON 30 JUN 2009
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FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 26, 2009 (20090626/UP).

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=> FILE CASLINK
COST IN U.S. DOLLARS                          SINCE FILE     TOTAL
                                               ENTRY    SESSION
FULL ESTIMATED COST                              0.21     267.85

FILE 'CAPLUS' ENTERED AT 16:08:39 ON 30 JUN 2009
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FILE 'MARPAT' ENTERED AT 16:08:39 ON 30 JUN 2009
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FILE 'REGISTRY' ENTERED AT 16:08:39 ON 30 JUN 2009
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CLUSTER 'CASLINK' ENTERED

 Predefined command sequences will be executed in
 REGISTRY, MARPAT, and CAPLUS.


=>
Uploading C:¥TDH PTA¥Application Examination¥Series 10¥10 544211¥STN¥STN 10544211
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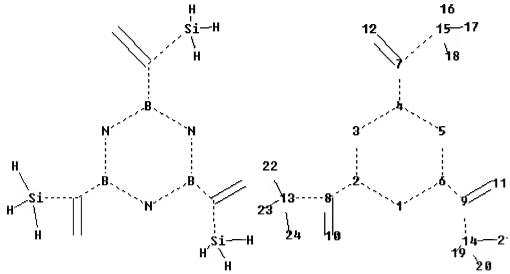


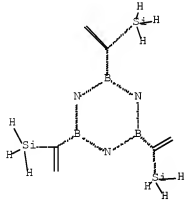

```
chain nodes :
7  8  9  10  11  12  13  14  15  16  17  18  19  20  21  22  23  24
ring nodes :
1  2  3  4  5  6
chain bonds :
2-8  4-7  6-9  7-12  7-15  8-10  8-13  9-11  9-14  13-22  13-23  13-24  14-19  14-20
14-21  15-16  15-17  15-18
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6
exact/norm bonds :
```

1-2 1-6 2-3 2-8 3-4 4-5 4-7 5-6 6-9 7-15 8-13 9-14
exact bonds :
7-12 8-10 9-11 13-22 13-23 13-24 14-19 14-20 14-21 15-16 15-17 15-18

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS
19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS

L8 STRUCTURE UPLOADED

=> D
L8 HAS NO ANSWERS
L8 STR



Structure attributes must be viewed using STN Express query preparation.

=> S L8 SSS SAM

S L8 SSS SAM FILE=REGISTRY
SAMPLE SEARCH INITIATED 16:09:03 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1 TO ITERATE

100.0% PROCESSED 1 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1 TO 80
PROJECTED ANSWERS: 0 TO 0

L9 0 SEA SSS SAM L8
1 FILES SEARCHED...

S L9 SSS SAM FILE=MARPAT
SAMPLE SEARCH INITIATED 16:09:04 FILE 'MARPAT'
SAMPLE SCREEN SEARCH COMPLETED - 31 TO ITERATE

```
100.0% PROCESSED      31 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         286 TO     954
PROJECTED ANSWERS:              0 TO       0

L10          0 SEA SSS SAM L8
   1 FILES SEARCHED...

=> S L8 SSS FULL

S L8 SSS FUL FILE=REGISTRY
FULL SEARCH INITIATED 16:09:16 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -      25 TO ITERATE

100.0% PROCESSED      25 ITERATIONS                          0 ANSWERS
SEARCH TIME: 00.00.01

L11          0 SEA SSS FUL L8
   1 FILES SEARCHED...

S L11 SSS FUL FILE=MARPAT
FULL SEARCH INITIATED 16:09:17 FILE 'MARPAT'
FULL SCREEN SEARCH COMPLETED -     658 TO ITERATE

100.0% PROCESSED     658 ITERATIONS                          1 ANSWERS
SEARCH TIME: 00.00.01

L12          1 SEA SSS FUL L8
   1 FILES SEARCHED...

S L11 FILE=CAPLUS
L13          0 FILE CAPLUS
   1 FILES SEARCHED...

DUP REM L12 L13
L13 HAS NO ANSWERS
PROCESSING COMPLETED FOR L12
PROCESSING COMPLETED FOR L13
L14          1 DUP REM L12 L13 (0 DUPLICATES REMOVED)
               ANSWER '1' FROM FILE MARPAT

=> D L14

L14  ANSWER 1 OF 1  MARPAT  COPYRIGHT 2009 ACS on STN
AN   145:189021  MARPAT Full-text
TI   Improved process for continuous production of oligomeric and polymeric
     organic borylated silazanes by aminolysis silyl boron halides or borylated
     halosilanes
IN   Jansen, Martin; Jaeschke, Thomas; Kaehsnitz, John; Schmidt, Joerg;
     Schladerbeck, Norbert
PA   Max-Planck-Gesellschaft Zur Foerderung der Wissenschaften e.v., Germany
SO   PCT Int. Appl., 41pp.
     CODEN: PIXXD2
DT   Patent
LA   German
FAN.CNT 1
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    PATENT NO.       KIND  DATE          APPLICATION NO.  DATE
    ---------------  ----  --------      ---------------  --------
PI  WO 2006082069    A1    20060810      WO 2006-EP953    20060203
       W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,
           CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
           GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR,
           KZ, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX,
           MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE,
           SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC,
           VN, YU, ZA, ZM, ZW
       RW: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
           IS, IT, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ,
           CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BW, GH,
           GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
           KG, KZ, MD, RU, TJ, TM
    DE 102005005383  A1   20060810      DE 2005-102005005383820050205
    EP 1844058       A1   20071017      EP 2006-706621   20060203
       R:  AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE,
           IS, IT, LI, LT, LU, LV, MC, NL, PL, PT, RO, SE, SI, SK, TR
    JP 2008528651    T    20080731      JP 2007-553540   20060203
    US 20090030157   A1   20090129      US 2008-815636   20080912
PRAI DE 2005-102005005383  20050205
    WO 2006-EP953    20060203
RE.CNT  5    THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD
             ALL CITATIONS AVAILABLE IN THE RE FORMAT


=> D RE

L14  ANSWER 1 OF 1  MARPAT  COPYRIGHT 2009 ACS on STN
RE
(1) Basf Aktiengesellschaft; EP 0031423 A 1981 CAPLUS
(2) Bayer Ag; DE 4241288 A1 1994 CAPLUS
(3) Bayer Ag; DE 19530390 A1 1997 CAPLUS
(4) Dow Corning Corp; DE 4302211 A1 1997 CAPLUS
(5) Hoechst Ag; DE 4320784 A1 1994 CAPLUS


=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(1) L14 1

E1 THROUGH E1 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS                          SINCE FILE     TOTAL
                                               ENTRY   SESSION
FULL ESTIMATED COST                             256.26     524.11

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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAplus now includes complete International Patent Classification (IPC)
reclassification data for the second quarter of 2009.

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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> S E1

L15 1 "1981:481765"/AN

=> D L15 BIB,ABS

L15 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1981:481765 CAPLUS Full-text
DN 95:81765
OREF 95:13845a,13848a
TI Polyphenylpolymethylpolyamines
IN Koehler, Waldemar; Langensiepen, Hans Werner; Mueller, Berthold
PA BASF A.-G. , Fed. Rep. Ger.
SO Ger. Offen., 22 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI DE 2947531 | A1 | 19810604 | DE 1979-2947531 | 19791126 |
| EP 31423 | A1 | 19810708 | EP 1980-106808 | 19801105 |
| EP 31423 | B1 | 19840620 | | |

R: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
PRAI DE 1979-2947531 A 19791126
AB The title product, with a high content of CH2(C6H4NH2)2 (I) and particularly the 4,4'-isomer [101-77-9], is prepared by continuous condensation of PhNH2 [62-53-3], HCHO [50-00-0], and amine HCl (PhNH2-HCHO 2.5-3:1, HCl-PhNH2 0.4-0.9:1) at 50° and condensing 1 part product with 0.5-1 part PhNH2. Thus, PhNH2 112, 30% HCHO 122, and a solution of PhNH2 172, I 21, HCl 72, and H2O 278 g/h were added to a reactor stirred at 40° with residence time 1 h, and the effluent was passed through successive reactors with temperature 50, 80, and 103° and residence time 1 h each.

PhNH2 (120 g/h) and 625 g/h H2O-saturated PhNH2 were added at 40°, and the mixture was extracted countercurrently at 25° with 1520 g/h solution of I 17.3, PhNH2 51.0, HCl 4.7, and H2O 27% and 1520 g/h H2O to give 2046 g/h aqueous phase containing I 1.0, PhNH2 11.3, HCl 3.5, and H2O 84.2%, and 994 g organic extract containing I 22, PhNH2 62.5, and H2O 14.5%, giving on distillation 242 g/h crude product containing 78% I, of which 98% was the 4,4'-isomer.

=> FIL CASLINK

COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | | 5.74 | 529.85 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

| | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| CA SUBSCRIBER PRICE | | -0.82 | -0.82 |

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SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(2) L14 1

E2 THROUGH E2 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

COST IN U.S. DOLLARS

| | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | | 1.82 | 531.67 |

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL

| | ENTRY | SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | 0.00 | -0.82 |

FILE 'CAPLUS' ENTERED AT 16:10:36 ON 30 JUN 2009
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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S E2

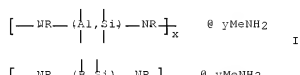
L16 1 "1995:498237"/AN

=> D L16 BIB,ABS

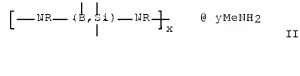
L16 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1995:498237 CAPLUS Full-text
DN 123:15909
OREF 123:3015a,3018a
TI Aluminoxane- and boroxane-silazanes, and their manufacture and use
IN Loeffelholz, Josua; Jansen, Martin
PA Bayer A.-G., Germany
SO Ger. Offen., 10 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | DE 4241288 | A1 | 19940609 | DE 1992-4241288 | 19921208 |
| | US 5405982 | A | 19950411 | US 1993-157814 | 19931124 |
| | EP 601405 | A2 | 19940615 | EP 1993-118987 | 19931125 |
| | EP 601405 | B1 | 19970730 | | |
| | R: DE, FR, GB, IT | | | | |

JP 06220202 A 19940809 JP 1993-339222 19931206
JP 3224662 B2 20011105
PRAI DE 1992-4241288 A 19921208
GI




I




II

AB In the aluminoxane-silazanes, having general formula I in which each Si and Al atom is coordinated with 4 N atoms, each N atom carries an organic group R (R = C1-C6-alkyl, vinyl, Ph; x >5), and in the boroxane-silazanes, having general formula II in which each Si is coordinated with 4 N atoms and each B atom with ≥2 N atoms and ≤1 H atoms, each N atom carries an organic group R (R = C1-C6-alkyl, vinyl, Ph; x >5). The I and II are manufactured by condensing tetrakisorganoaminosilanes having general formula Si(NHR)4 (R as above) in an organic solvent with an AlH3 or a BH3 component, resp., under H formation. The I and II are used for manufacturing Si/Al/N/C- and Si/B/N/C-type ceramics, ceramic fibers and ceramic coatings by pyrolysis at 600-2000° in inert, N-, or NH3-containing atmospheric

=> FIL CASLINK

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | 5.74 | | 537.41 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| CA SUBSCRIBER PRICE | -0.82 | | -1.64 |

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=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(3) L14 1

E3 THROUGH E3 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 1.82 | 539.23 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | 0.00 | -1.64 |

FILE 'CAPLUS' ENTERED AT 16:11:11 ON 30 JUN 2009
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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

CAplus now includes complete International Patent Classification (IPC)
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This file contains CAS Registry Numbers for easy and accurate
substance identification.

=> S E3

L17 1 "1997:253801"/AN

=> D L17 BIB,ABS

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1997:253801 CAPLUS Full-text
DN 126:238847
OREF 126:46221a,46224a
TI Infusible polyborasilazanes
IN Perchenek, Nils; Passing, Gerd; Baldus, Hans-Peter
PA Bayer A.-G., Germany
SO Ger. Offen., 3 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI DE 19530390 | A1 | 19970220 | DE 1995-19530390 | 19950818 |
| PRAI DE 1995-19530390 | | 19950818 | | |

AB The title polymers, useful in powd. ceramics, fibers, and moldings, are prepared by the reaction of fusible polyborasilazanes with borane amine adducts. A highly viscous polyborasilazane (prepared from $C_{13}SiNHBCl_2$ and $MeNH_2$ at -70° to +90°) was stirred (14.4 g) with 3.01 g $BH_3.NH_3$ in THF at room temperature for 12 h to give 16.4 g colorless, infusible polyborasilazane which, when heated at 1°/min to 1450° in N, gave a 55.7% yield of ceramic without melting or foaming.

=> FIL CASLINK

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | 5.74 | | 544.97 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| CA SUBSCRIBER PRICE | -0.82 | -2.46 | |

FILE 'CAPLUS' ENTERED AT 16:11:13 ON 30 JUN 2009
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=> SET SMA OFF

SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(4) L14 1

E4 THROUGH E4 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | | 1.82 | 546.79 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| CA SUBSCRIBER PRICE | | 0.00 | -2.46 |

FILE 'CAPLUS' ENTERED AT 16:11:41 ON 30 JUN 2009
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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> S E4

L18 1 "1997:433426"/AN

=> D L18 BIB,ABS

L18 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1997:423426 CAPLUS Full-text
DN 127:54613
OREF 127:10349a,10352a
TI Manufacture of substantially crystalline silicon carbide fibers from borosilazanes, and method for infusibilizing these fibers
IN Bujalski, Duane Ray; Zank, Gregg Alan; Barnard, Thomas Duncan
PA USA
SO Can. Pat. Appl., 18 pp.
CODEN: CPXXEB
DT Patent
LA English
FAN.CNT 2

| | PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|---|
| PI | CA 2086266 | A1 | 19970312 | CA 1992-2086266 | 19921224 |
| | GB 2319022 | A | 19980513 | GB 1992-26641 | 19921222 |
| | GB 2319022 | B | 19980902 | | |
| | FR 2746417 | A1 | 19970926 | FR 1993-240 | 19930113 |
| | FR 2746417 | B1 | 19980724 | | |
| | DE 4302211 | A1 | 19970904 | DE 1993-4302211 | 19930127 |
| | DE 4302211 | C2 | 20011004 | | |

PRAI CA 1992-2086266 A 19921224
AB The method comprises spinning fibers from a preceramic polymer comprising a borosilazane containing .gtorsim.0.2 weight% B and (by its ceramic char) .gtorsim.0.1 weight% free C, infusibilizing the fibers, and pyrolyzing the fibers in nonoxidizing atmospheric at .gtorsim.1700°. The fibers are infusibilized by exposing ther fibers to an atmospheric comprising gases selected from HCl, HCl followed by water vapor, HCl followed by NH3, BCl3 followed by NH3, borane, and Cl followed by NH3. The fibers have crystallinity .gtorsim.75%, d. .gtorsim.2.9 g/cm3, and contain O .ltorsim.0.5 and N >1 weight%.

=> FIL CASLINK

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| FULL ESTIMATED COST | 5.74 | | 552.53 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | SESSION | TOTAL |
|---|---|---|---|
| CA SUBSCRIBER PRICE | -0.82 | | -3.28 |

FILE 'CAPLUS' ENTERED AT 16:11:43 ON 30 JUN 2009
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SET COMMAND COMPLETED

=> SEL RAN.CAPLUS(5) L14 1

E5 THROUGH E5 ASSIGNED

=> SET SMA LOGIN

SET COMMAND COMPLETED

=> FIL CAPLUS

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| FULL ESTIMATED COST | 1.82 | 554.35 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | TOTAL SESSION |
|---|---|---|
| CA SUBSCRIBER PRICE | 0.00 | -3.28 |

FILE 'CAPLUS' ENTERED AT 16:12:57 ON 30 JUN 2009
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FILE COVERS 1907 - 30 Jun 2009 VOL 151 ISS 1
FILE LAST UPDATED: 29 Jun 2009 (20090629/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Apr 2009
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Apr 2009

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=> S E5

L19 1 "1994:515980"/AN

=> D L19 BIB,ABS

L19 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2009 ACS on STN
AN 1994:515980 CAPLUS Full-text
DN 121:115980
OREF 121:20817a,20820a
TI Manufacture of borosilazane copolymers, the copolymers obtained, and manufacture of silicon-, boron-, carbon-, and nitrogen-, and silicon-, boron-, and nitrogen-containing ceramics, and the ceramics obtained
IN Riedel, Ralf; Kienzle, Andreas; Petzow, Guenter; Brueck, Martin; Vaahs, Tilo
PA Hoechst A.-G., Germany
SO Ger. Offen., 9 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 1

| PATENT NO. | KIND | DATE | APPLICATION NO. | DATE |
|---|---|---|---|---|
| PI DE 4320784 | A1 | 19940105 | DE 1993-4320784 | 19930623 |
| PRAI DE 1992-4221653 | A1 | 19920702 | | |

AB The borosilazane copolymers are manufd. by reacting ≥1 tris(silylboranes) having general formula B(C2H4SiCl2X)3 [C2H4 may be CH2CH2 or CH(Me); X = Cl or C1-4-aliphatic moiety] in admixt. with a chlorosilane selected from R1SiCl3 and R2R3SiCl2 (independently, R1, R2, R3 = H or C1-4-aliphatic moiety) with NH3. The borosilazane copolymers have general formula -[-Si(NH-)(C2H4B<)NH-]a-[-Si(R)(C2H4B<)NH-]b-[Si(R2)(R3)NH- ]c-[Si(R1)(NH-)NH_ ]d- (C2H4 and R1-3 as above; R = C1-4-aliphatic moiety; a + b + c + d = 1). The Si-, B-, C-, and N-containing ceramics are manufactured by pyrolyzing the borosilazane copolymers in N or Ar at 500-2000°, and the Si-, B-, and N-containing ceramics are manufactured by pyrolyzing the B-containing borosilazane copolymers in NH3-containing atmospheric at 500-2000°. Dichloromethylvinylsilane was reacted in PhMe with dimethylsulfideborane to give tris[(dichloromethylsilyl)ethyl]borane, which was reacted in admixt. with trichlorovinylsilane in THF with NH3 to give borosilazane copolymers. The borosilazane copolymers were pyrolyzed in Ar at 1100° to give ceramic fibers containing C 23.3, N 21.3, Si 48.0, and O 1.7 weight%.

=> FIL CASLINK

| COST IN U.S. DOLLARS | SINCE FILE ENTRY | SINCE FILE SESSION | TOTAL SESSION |
|---|---|---|---|
| FULL ESTIMATED COST | | 5.74 | 560.09 |

| DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) | SINCE FILE ENTRY | SINCE FILE SESSION | TOTAL SESSION |
|---|---|---|---|
| CA SUBSCRIBER PRICE | | -0.82 | -4.10 |

FILE 'CASLINK' ENTERED AT 16:12:59 ON 30 JUN 2009
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FILE 'MARPAT' ENTERED AT 16:12:59 ON 30 JUN 2009
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=> FILE STNGUIDE
COST IN U.S. DOLLARS                          SINCE FILE     TOTAL
                                               ENTRY    SESSION
FULL ESTIMATED COST                             6.46     566.55

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE     TOTAL
                                               ENTRY    SESSION
CA SUBSCRIBER PRICE                             0.00      -4.10

FILE 'STNGUIDE' ENTERED AT 16:19:38 ON 30 JUN 2009
USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT
COPYRIGHT (C) 2009 AMERICAN CHEMICAL SOCIETY (ACS)

FILE CONTAINS CURRENT INFORMATION.
LAST RELOADED: Jun 26, 2009 (20090626/UP).

=> LOG Y

    (FILE 'HOME' ENTERED AT 15:47:22 ON 30 JUN 2009)

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 15:48:37 ON 30 JUN 2009
L1             STRUCTURE UPLOADED
               D
L2           1 SEA FILE=REGISTRY SSS SAM L1
L3           0 SEA FILE=MARPAT SSS SAM L1
               D SCAN L2
L4           6 SEA FILE=REGISTRY SSS FUL L1
L5           2 SEA FILE=MARPAT SSS FUL L1
L6           6 SEA FILE=CAPLUS SPE=ON  PLU=ON  L4
               SET DUPORDER FILE
L7           8 DUP REM L5 L6 (0 DUPLICATES REMOVED)
                   ANSWERS '1-2' FROM FILE MARPAT
                   ANSWERS '3-8' FROM FILE CAPLUS
               D L7 1-8

    FILE 'STNGUIDE' ENTERED AT 15:53:02 ON 30 JUN 2009

    FILE 'STNGUIDE' ENTERED AT 16:01:29 ON 30 JUN 2009

    FILE 'STNGUIDE' ENTERED AT 16:06:36 ON 30 JUN 2009

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:08:39 ON 30 JUN 2009
L8             STRUCTURE UPLOADED
               D
```

```
L9          0 SEA FILE=REGISTRY SSS SAM L8
L10         0 SEA FILE=MARPAT SSS SAM L8
L11         0 SEA FILE=REGISTRY SSS FUL L8
L12         1 SEA FILE=MARPAT SSS FUL L8
L13         0 SEA FILE=CAPLUS SPE=ON  PLU=ON  L11
L14         1 DUP REM L12 L13 (0 DUPLICATES REMOVED)
                ANSWER '1' FROM FILE MARPAT
              D L14
              D RE
              SET SMA OFF
              SEL RAN.CAPLUS(1) L14 1
              SET SMA LOGIN

    FILE 'CAPLUS' ENTERED AT 16:10:17 ON 30 JUN 2009
L15         1 SEA FILE=CAPLUS SPE=ON  PLU=ON  "1981:481765"/AN
              D L15 BIB,ABS

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:10:19 ON 30 JUN 2009
              SET SMA OFF
              SEL RAN.CAPLUS(2) L14 1
              SET SMA LOGIN

    FILE 'CAPLUS' ENTERED AT 16:10:36 ON 30 JUN 2009
L16         1 SEA FILE=CAPLUS SPE=ON  PLU=ON  "1995:498237"/AN
              D L16 BIB,ABS

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:10:38 ON 30 JUN 2009
              SET SMA OFF
              SEL RAN.CAPLUS(3) L14 1
              SET SMA LOGIN

    FILE 'CAPLUS' ENTERED AT 16:11:11 ON 30 JUN 2009
L17         1 SEA FILE=CAPLUS SPE=ON  PLU=ON  "1997:253801"/AN
              D L17 BIB,ABS

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:11:13 ON 30 JUN 2009
              SET SMA OFF
              SEL RAN.CAPLUS(4) L14 1
              SET SMA LOGIN

    FILE 'CAPLUS' ENTERED AT 16:11:41 ON 30 JUN 2009
L18         1 SEA FILE=CAPLUS SPE=ON  PLU=ON  "1997:433426"/AN
              D L18 BIB,ABS

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:11:43 ON 30 JUN 2009
              SET SMA OFF
              SEL RAN.CAPLUS(5) L14 1
              SET SMA LOGIN

    FILE 'CAPLUS' ENTERED AT 16:12:57 ON 30 JUN 2009
L19         1 SEA FILE=CAPLUS SPE=ON  PLU=ON  "1994:515980"/AN
              D L19 BIB,ABS

    FILE 'CAPLUS, MARPAT, REGISTRY' ENTERED AT 16:12:59 ON 30 JUN 2009

    FILE 'STNGUIDE' ENTERED AT 16:19:38 ON 30 JUN 2009
COST IN U.S. DOLLARS                        SINCE FILE     TOTAL
                                              ENTRY    SESSION
FULL ESTIMATED COST                             0.07     566.62
```

```
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)      SINCE FILE     TOTAL
                                                ENTRY    SESSION
CA SUBSCRIBER PRICE                               0.00      -4.10

STN INTERNATIONAL LOGOFF AT 16:19:47 ON 30 JUN 2009
```